

WHAT WE CLAIM IS:

1. A method of supplying a waste heat exchanger with exhaust gas from a gas turbine, whereby the gas is guided through a diverter that has a pivotable butterfly valve, and whereby when said valve is opened
5 to initiate entry of gas into the waste heat exchanger, the gas flows about a free edge of the valve, said method further including the step of:

at least partially deflecting a stream of said gas downstream of said valve, at least during initial entry of gas into the waste heat exchanger.

10 2. A method according to claim 1, wherein after the initial entry of gas into the waste heat exchanger, with said butterfly valve opened, said deflection downstream of said valve is essentially discontinued or eliminated.

3. An arrangement for supplying a waste heat exchanger with exhaust gas from a gas turbine, comprising:
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a diverter disposed between a gas turbine and a waste heat exchanger, wherein said diverter is provided with a pivotable butterfly valve; and

a guide mechanism disposed downstream of said butterfly
20 valve for at least partially deflecting a stream of said gas during initial entry of gas into the waste heat exchanger, wherein said guide

mechanism is provided with at least one guide plate.

4. An arrangement according to claim 3, wherein a bypass extends from said diverter, and wherein a further guide mechanism having at least one guide plate is disposed in said bypass for the at least partial deflection of a flow in said bypass.

5. An arrangement according to claim 3, wherein said at least one guide plate is pivotable between a deflection position and a position that essentially does not affect the gas flow.

6. An arrangement according to claim 5, wherein said guide mechanism extends over the entire cross-sectional flow area.

7. An arrangement according to claim 5, wherein said guide mechanism extends over only a portion of a cross-sectional flow area.

8. An arrangement according to claim 3, wherein said guide mechanism has a single guide plate that is rectangular, circular or oval.

9. An arrangement according to claim 3, wherein said guide mechanism is provided with a plurality of guide plates.

10. An arrangement according to claim 9, wherein said guide plates are adjustable independently of one another.